Author index

Abel, S., Krauss, G.-J. and Glund, K.
Ribonuclease in tomato vacuoles: high-performance liquid chromatographic analysis of ribonucleolytic activities and base specificity (998) 145
Accorsi, A., see Fazi, A. (998) 286
Åkerman, K.E.O., see Isomaa, B. (998) 131
Ametani, A., see Kaminogawa, S. (998) 50
Amiconi, G., see Ascenzi, P. (998) 210
Ando, O., see Kaminogawa, S. (998) 50
Andrews, G.C., see Daumy, G.O. (998) 32
Appleby, C.A., see Atanasov, B.P. (998) 80
Arreguín, B., see Rodríguez-Romero, A. (998) 21
Ascenzi, P., Menegatti, E., Guarneri, M. and Amiconi, G.
Trypsin-like serine proteinase action: determination of the catalytic parameters K_s, k_{+2} and k_{+3} under conditions where the substrate exceeds the enzyme concentration (998) 210
Atanasov, B.P., Dimitrova, E.A., Kudryavtseva, N.N., Zhiznevskaya, G.Y. and Appleby, C.A.
The proton dependence of nicotinate binding to soybean, kidney bean and lupin ferric leghemoglobins (998) 80

Balázs, A.
The effect of the side-chain on the force field of the polypeptide backbone (998) 215
Beintema, J.J., see Neuteboom, B. (998) 126
Bellon, B., see La Fournière, L. (998) 158
Beltramini, M., see Salvato, B. (998) 14
Bergenhem, N. and Carlsson, U.
The role of the metal ion in the refolding of denatured bovine Co(II)-carbonic anhydrase II (998) 277
Betins, J., see Vesterman, B. (998) 204
Blouquit, Y., see Yannoukakos, D. (998) 43
Bosc-Bierne, I., see La Fournière, L. (998) 158
Bouheroum, M., Bruce, J.M. and Land, E.J.
The mechanism of the oxidative decarboxylation of 3,4-dihydroxymandelic acid: identification of 3,4-mandeloquinone as a key intermediate (998) 57
Bruce, J.M., see Bouheroum, M. (998) 57
Buckmann, A.F., see Ottolina, G. (998) 173
Bursaux, E., see Yannoukakos, D. (998) 43
Busetta, B.
The use of folding patterns in a multisolution approach of the all-β protein three-dimensional structure. A β-roll structure is predicted in the retroviral glycoprotein (998) 301
Busto, F., see De Arriaga, D. (998) 221

Carlsson, U., see Bergenhem, N. (998) 277
Carrea, G., see Ottolina, G. (998) 173
Chapman, D., see Jackson, M. (998) 75
Chapman, D., see Urbaneja, M.-A. (998) 85
Cheng, H.-F. and Tao, M.
Purification and characterization of a phosphotyrosyl-protein phosphatase from wheat seedlings (998) 271
Christensen, M., see Rose, K. (998) 297
Cohn, M., see LoPresti, P. (998) 317

Damodaran, S., see Deshpande, S.S. (998) 179
Danieli, B., see Ottolina, G. (998) 173
Daumy, G.O., Merenda, J.M., McColl, A.S., Andrews, G.C., Franke, A.E., Geoghegan, K.F. and Otterness, I.G.
Isolation and characterization of biologically active murine interleukin-1α derived from expression of a synthetic gene in *Escherichia coli* (998) 32
De Arriaga, D., Busto, F., Del Valle, P. and Soler, J.
A kinetic study of the pH effect on the allosteric properties of pyruvate kinase from *Phycomyces blakesleeanus* (998) 221
Delaunay, J., see Wajcman, H. (998) 25
DeLuca, H.F., see Renstrom, B. (998) 69
Del Valle, P., see De Arriaga, D. (998) 221
Demchenko, A.P., Rusyn, O.I. and Saburova, E.A.
Kinetics of the lactate dehydrogenase reaction in high-viscosity media (998) 196
De Prisco, R., see Sorrentino, S. (998) 97
Deshpande, S.S. and Damodaran, S.
Heat-induced conformational changes in phaseolin and its relation to proteolysis (998) 179
Dimitrova, E.A., see Atanasov, B.P. (998) 80
Dugan, R.E.
Studies on the inactivation of β-hydroxy-β-methylglutaryl-CoA reductase by (*S*)-(4-bromo-2,3-dioxobutyl)-CoA (998) 91
Duperret, S.M., see Wolfe, F.H. (998) 236

Edmunds, T., see Wolfe, F.H. (998) 236
Engblom, A.C., see Isomaa, B. (998) 131

Fazi, A., Piatti, E., Accorsi, A. and Magnani, M.
Cell age dependent decay of human erythrocytes glucose-6-phosphate isomerase (998) 286
Francina, A., see Wajcman, H. (998) 25
Franke, A.E., see Daumy, G.O. (998) 32
Fujimori, E.
Cross-linking and fluorescence changes of collagen by glycation and oxidation (998) 105

Galacteros, F., see Wajcman, H. (998) 25
Geoghegan, K.F., see Daumy, G.O. (998) 32
Glund, K., see Abel, S. (998) 145
Goll, D.E., see Wolfe, F.H. (998) 236
Goold, R.D., see Ivanetich, K.M. (998) 7
Guarneri, M., see Ascenzi, P. (998) 210

Hachimura, S., see Kaminogawa, S. (998) 50
Hamazaki, H.
Calcium-dependent polymerization of human serum amyloid P component is inhibited by heparin and dextran sulfate (998) 231
Haris, P.I., see Jackson, M. (998) 75
Hattori, M., see Kaminogawa, S. (998) 50
Hefford, M.A. and Kaplan, H.
Chemical properties of the histidine residue of secretin: evidence for a specific intramolecular interaction (998) 267
Hernández-Arana, A., see Rodríguez-Romero, A. (998) 21
Hofstra, R.M.W., see Neuteboom, B. (998) 126
Honkakoski, P., see Usanov, S.A. (998) 189
Hsu, R.Y., see Tian, W.-X. (998) 310

Isomaa, B., Engblom, A.C. and Åkerman, K.E.O.
Interaction of aliphatic amphiphiles with calmodulin and cyclic nucleotide phosphodiesterase (998) 131
Ivanetich, K.M. and Goold, R.D.
A rapid equilibrium random sequential bi-bi mechanism for human placental glutathione *S*-transferase (998) 7
Izumi, Y., see Krenn, B.E. (998) 63

Jackson, M., Haris, P.I. and Chapman, D.
Conformational transitions in poly(L-lysine): studies using Fourier transform infrared spectroscopy (998) 75
Jekel, P.A., see Neuteboom, B. (998) 126
Jørgensen, K.H., see Rose, K. (998) 297

Kaminogawa, S., Shimizu, M., Ametani, A., Hattori, M., Ando, O., Hachimura, S., Nakamura, Y., Totsuka, M. and Yamauchi, K.
Monoclonal antibodies as probes for monitoring the denaturation process of bovine β-lactoglobulin (998) 50
Kaplan, H., see Hefford, M.A. (998) 267
Kawaguchi, K., see Utsumi, J. (998) 167
Kimura, S., see Utsumi, J. (998) 167
Kitson, T.M., see Loomes, K.M. (998) 1
Kleese, W.C., see Wolfe, F.H. (998) 236
Krauss, G.-J., see Abel, S. (998) 145
Krenn, B.E., Izumi, Y., Yamada, H. and Wever, R.
A comparison of different (vanadium)bromoperoxidases; the bromoperoxidase from *Corallina pilulifera* is also a vanadium enzyme (998) 63
Kudryavtseva, N.N., see Atanasov, B.P. (998) 80

La Fournière, L., Bosc-Bierne, I., Bellon, B. and Sarda, L.
Inhibitory properties and antigenic specificity of monoclonal antibodies to pancreatic colipase (998) 158
Land, E.J., see Bouheroum, M. (998) 57
Lang, M.A., see Usanov, S.A. (998) 189
Larreta-Garde, V., see Xu, Z.-F. (998) 251
Libonati, M., see Sorrentino, S. (998) 97
Liemans, V., Malaisse-Lagae, F., Willem, R. and Malaisse, W.J.
Phosphoglucoisomerase-catalyzed interconversion of hexose phosphates; diastereotopic specificity, isotopic discrimination and intramolecular hydrogen transfer (998) 111
Liemans, V., see Malaisse-Lagae, F. (998) 118
Liepins, E., see Vesterman, B. (998) 204
Lönnroth, I., see Torres, J.F. (998) 151
Loomes, K.M. and Kitson, T.M.
Studies of the action of symmetrical and mixed disulphide thiol-modifying reagents on the esterase activity of cytoplasmic aldehyde dehydrogenase (998) 1
LoPresti, P. and Cohn, M.
Direct determination of creatine kinase equilibrium constants with creatine or cyclocreatine as substrate (998) 317

Magnani, M., see Fazi, A. (998) 286
Malaisse-Lagae, F., Liemans, V., Yaylali, B., Sener, A. and Malaisse, W.J.
Phosphoglucoisomerase-catalyzed interconversion of hexose phosphates; comparison with phosphomannoisomerase (998) 118
Malaisse-Lagae, F., see Liemans, V. (998) 111
Malaisse, W.J., see Liemans, V. (998) 111
Malaisse, W.J., see Malaisse-Lagae, F. (998) 118
Masson, P.
A naturally occurring molecular form of human plasma cholinesterase is an albumin conjugate (988) 258
McColl, A.S., see Daumy, G.O. (998) 32
Menegatti, E., see Ascenzi, P. (998) 210
Merenda, J.M., see Daumy, G.O. (998) 32

Nakamura, Y., see Kaminogawa, S. (998) 50
Neuteboom, B., Jekel, P.A., Hofstra, R.M.W. and Beintema, J.J.
Sulfhydryl groups and disulfide bridges in subunit *c* of *Panulirus interruptus* hemocyanin (998) 126
Nikiforovich, G.V., see Vesterman, B. (998) 204

Otterness, I.G., see Daumy, G.O. (998) 32
Ottolina, G., Riva, S., Carrea, G., Danieli, B. and Buckmann, A.F.
Enzymatic synthesis of [4*R*-^{2}H]NAD(P)H and [4*S*-^{2}H]NAD(P)H and determination of the stereospecificity of 7α- and 12α-hydroxysteroid dehydrogenase (998) 173

Pasanen, M., see Usanov, S.A. (998) 189
Pelkonen, O., see Usanov, S.A. (998) 189
Piatti, E., see Fazi, A. (998) 286

Raunio, H., see Usanov, S.A. (998) 189
Renstrom, B. and DeLuca, H.F.
Incorporation of retinoic acid into proteins via retinoyl-CoA (998) 69
Ricchelli, F., see Salvato, B. (998) 14
Riva, S., see Ottolina, G. (998) 173
Rodríguez-Romero, A., Arreguín, B. and Hernández-Arana, A.
Unusual far-ultraviolet circular dichroism of wheat germ agglutinin and hevein originated from cystine residues (998) 21
Rosa, J., see Wajcman, H. (998) 25
Rose, K., Savoy, L.-A., Thim, L., Christensen, M. and Jørgensen, K.H.
Revised amino acid sequence of pancreatic spasmolytic polypeptide exhibits greater similarity with an inducible pS2 peptide found in a human breast cancer cell line (998) 297
Rusyn, O.I., see Demchenko, A.P. (998) 196

Saburova, E.A., see Demchenko, A.P. (998) 196
Salvato, B., Beltramini, M., Ricchelli, F. and Tallandini, L.
Cobalt substitution studies on bovine erythrocyte superoxide dismutase: evidence for a novel cobalt-superoxide dismutase derivative (998) 14
Sarda, L., see La Fournière, L. (998) 158
Sathe, S.K., see Wolfe, F.H. (998) 236
Saulitis, J., see Vesterman, B. (998) 204
Savoy, L.-A., see Rose, K. (998) 297
Sener, A., see Malaisse-Lagae, F. (998) 118
Shimizu, H., see Utsumi, J. (998) 167
Shimizu, M., see Kaminogawa, S. (998) 50
Simonides, W.S. and Van Hardeveld, C.
Identification and quantification in single muscle fibers of four isoforms of parvalbumin in the iliofibularis muscle of *Xenopus laevis* (998) 137
Soler, J., see De Arriaga, D. (998) 221
Sorrentino, S., De Prisco, R. and Libonati, M.
Human seminal ribonuclease. Immunological quantitation of cross-reactive enzymes in serum, urine and seminal plasma (998) 97
Suzuki, T.
Amino acid sequence of a major globin from the sea cucumber *Paracaudina chilensis* (998) 292

Tallandini, L., see Salvato, B. (998) 14
Tao, M., see Cheng, H.-F. (998) 271
Thim, L., see Rose, K. (998) 297
Thomas, D., see Xu, Z.-F. (998) 251
Tian, W.-X., Wang, Y.-s. and Hsu, R.Y.
Affinity labeling of chicken liver fatty acid synthase with chloroacetyl-CoA and bromopyruvate (998) 310

Torres, J.F. and Lönnroth, I.
Production, purification and characterization of *Clostridium difficile* toxic proteins different from toxin A and from toxin B (998) 151
Totsuka, M., see Kaminogawa, S. (998) 50

Urbaneja, M.-A. and Chapman, D.
The binding of phosphorylcholine-carrying antigens to the anti-phosphorylcholine monoclonal antibody TEPC 15. A fluorescence spectroscopic study (998) 85
Usanov, S.A., Honkakoski, P., Lang, M.A., Pasanen, M., Pelkonen, O. and Raunio, H.
Comparison of the immunochemical properties of human placental and bovine adrenal cholesterol side-chain cleavage enzyme complex (998) 189
Utsumi, J., Yamazaki, S., Kawaguchi, K., Kimura, S. and Shimizu, H.
Stability of human interferon-β1: oligomeric human interferon-β1 is inactive but is reactivated by monomerization (998) 167

Van Hardeveld, C., see Simonides, W.S. (998) 137
Vasseur, C., see Yannoukakos, D. (998) 43
Vesterman, B., Saulitis, J., Betins, J., Liepins, E. and Nikiforovich, G.V.
Dynamic space structure of the Leu-enkephalin molecule in DMSO solution (998) 204

Wajcman, H., Delaunay, J., Francina, A., Rosa, J. and Galacteros, F.
Hemoglobin Nouakchott [α114(GH2)Pro → Leu]: a new hemoglobin variant displaying an unusual increase in hydrophobicity (998) 25
Wajcman, H., see Yannoukakos, D. (998) 43
Wang, Y.-s., see Tian, W.-X. (998) 310
Wever, R., see Krenn, B.E. (998) 63
Willem, R., see Liemans, V. (998) 111
Wolfe, F.H., Sathe, S.K., Goll, D.E., Kleese, W.C., Edmunds, T. and Duperret, S.M.
Chicken skeletal muscle has three Ca^{2+}-dependent proteinases (998) 236

Xu, Z.-F., Larreta-Garde, V. and Thomas, D.
Influence of polyol additive on enzyme catalytic selectivity towards different substrates (998) 251

Yamada, H., see Krenn, B.E. (998) 63
Yamauchi, K., see Kaminogawa, S. (998) 50
Yamazaki, S., see Utsumi, J. (998) 167
Yannoukakos, D., Vasseur, C., Blouquit, Y., Bursaux, E. and Wajcman, H.
Primary structure of the cytoplasmic domain of human erythrocyte protein band 3. Comparison with its sequence in the mouse (998) 43
Yaylali, B., see Malaisse-Lagae, F. (998) 118

Żak, Z., see Zaman, K. (998) 102
Zaman, K. and Żak, Z.
Purification and partial characterization of a cobalamin-binding protein from chicken egg yolk (998) 102
Zhiznevskaya, G.Y., see Atanasov, B.P. (998) 80